

Contents of Volume 43

Number 1

- 1 Measurements of Vibration Field Correlation on a Car Body Shell
M. W. BONILHA & F. J. FAHY (UK)
- 19 Program for the Computation of Absorptive Silencers in Straight Ducts
P. BRANDSTÄTT, W. FROMMHOLD (Germany) & M. J. FISHER (UK)
- 39 On the Design of Resonant Absorbers Using a Slotted Plate
U. R. KRISTIANSEN & T. E. VIGRAN (Norway)
- 49 Predicting the Sound Reduction Index of Laminated Glass
R. D. FORD (UK)

Technical Notes

- 57 A Study of Noise in Various Modes of Transport in Delhi
K. KUMAR & V. K. JAIN (India)
- 67 Development of a Lightweight Wooden Joist Floor with High Impact Noise Insulation
C. JOHANSSON & A. ÅGREN (Sweden)
- 81 Transforming Wall Studs to Slit Resonator Studs for Improving Sound Insulation in Walls
P. P. NARANG (Australia)
- 91 Announcements
- 92 Calendar

Number 2

- 93 Editorial
- 95 Experimental Study of Repeatability Errors in 3D Sound Intensity Measurements in Narrow Frequency Bands
A. ÅGREN & Ö. JOHANSSON (Sweden)
- 113 Strain Distributions in Vibrating Rods of Variable Cross-Sections—Part 1: Experiment and Finite Element Calculations
P. BAJONS & W. FRITSCH (Austria)
- 127 Strain Distributions in Vibrating Rods of Variable Cross-Sections—Part 2: High Power Ultrasonic Applications
P. BAJONS, W. FRITSCH & M. RÖSEL (Austria)
- 141 Examination of Acoustic Behavior of Negative Poisson's Ratio Materials
B. HOWELL, P. PRENDERGAST & L. HANSEN (USA)
- 149 Reflection of Noise from a Building's Facade
R. MAKAREWICZ & P. KOKOWSKI (Poland)

Contents of Volume 43

Number 1

- 1 Measurements of Vibration Field Correlation on a Car Body Shell
M. W. BONILHA & F. J. FAHY (UK)
- 19 Program for the Computation of Absorptive Silencers in Straight Ducts
P. BRANDSTÄTT, W. FROMMHOLD (Germany) & M. J. FISHER (UK)
- 39 On the Design of Resonant Absorbers Using a Slotted Plate
U. R. KRISTIANSEN & T. E. VIGRAN (Norway)
- 49 Predicting the Sound Reduction Index of Laminated Glass
R. D. FORD (UK)

Technical Notes

- 57 A Study of Noise in Various Modes of Transport in Delhi
K. KUMAR & V. K. JAIN (India)
- 67 Development of a Lightweight Wooden Joist Floor with High Impact Noise Insulation
C. JOHANSSON & A. ÅGREN (Sweden)
- 81 Transforming Wall Studs to Slit Resonator Studs for Improving Sound Insulation in Walls
P. P. NARANG (Australia)
- 91 Announcements
- 92 Calendar

Number 2

- 93 Editorial
- 95 Experimental Study of Repeatability Errors in 3D Sound Intensity Measurements in Narrow Frequency Bands
A. ÅGREN & Ö. JOHANSSON (Sweden)
- 113 Strain Distributions in Vibrating Rods of Variable Cross-Sections—Part 1: Experiment and Finite Element Calculations
P. BAJONS & W. FRITSCH (Austria)
- 127 Strain Distributions in Vibrating Rods of Variable Cross-Sections—Part 2: High Power Ultrasonic Applications
P. BAJONS, W. FRITSCH & M. RÖSEL (Austria)
- 141 Examination of Acoustic Behavior of Negative Poisson's Ratio Materials
B. HOWELL, P. PRENDERGAST & L. HANSEN (USA)
- 149 Reflection of Noise from a Building's Facade
R. MAKAREWICZ & P. KOKOWSKI (Poland)

- 159 A Tutorial on the Nonlinear Progressive Wave Equation (NPE)—Part 1
B. E. MCDONALD (USA), P. CAINE & M. WEST (UK)
- 169 Exposure of the Australian Population to Road Traffic Noise
A. L. BROWN (Australia)
- 177 Announcements
- 181 Calendar

Number 3

Special Issue on Structural Acoustics and Vibration

- 183 Guest Editorial
- 185 Structural Acoustics and Vibration Behavior of Complex Panels
A. BERRY & J. NICOLAS (Canada)
- 217 Analysis of Structure-Borne and Radiated Sound using Component Modal Bases
J. E. FARSTAD, M.-R. LEE & R. SINGH (USA)
- 247 Structural Acoustic Radiation Prediction: Expanding the Vibratory Response on a Functional Basis
J. L. GUYADER & B. LAULAGNET (France)
- 271 Review of Numerical Solutions for Low-Frequency Structural-Acoustic Problems
N. ATALLA (Canada) & R. J. BERNHARD (USA)
- 295 Vibrational Modes of Submerged Elastic Bodies
P. E. BARBONE & D. G. CRIGHTON (UK)
- 319 Calendar

Number 4

- 321 Sound Propagation in a Wind Tunnel: Comparison of Experiments with FFP and Residue Solution
YANNICK GABILLET (France), GILLES A. DAIGLE & ANDRÉ L'ESPÉRANCE (Canada)
- 333 Adaptive Filtering of Sound Pressure Signals for Monitoring Machinery in Noisy Environments
MATTHEW S. CARNEY, J. ADIN MANN III & JOHN GAGLIARDI (USA)
- 353 A Simple Method for the Calculation of Noise Attenuation by a Finite Length Barrier
KOICHI TAKAGI, RYOTA HOTTA & KOHEI YAMAMOTO (Japan)
- 367 Calendar
- 368 Contents of Volume 43